

**SERVICE REPLACEMENT
BRAKE CHAMBERS
TYPE 12
1.75" STROKE**

A Brake Chamber is an actuator which converts the energy of air pressure into a mechanical force. Brake Chambers are available in nine sizes, providing a wide range of output forces and strokes. The type of chamber indicates the diaphragm's effective area (Type 30 = 30 sq. in. effective area).

For further information regarding installation and maintenance, consult Instruction & Service Data Sheet SD-28.

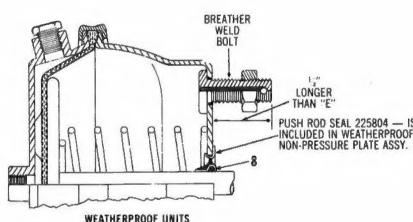
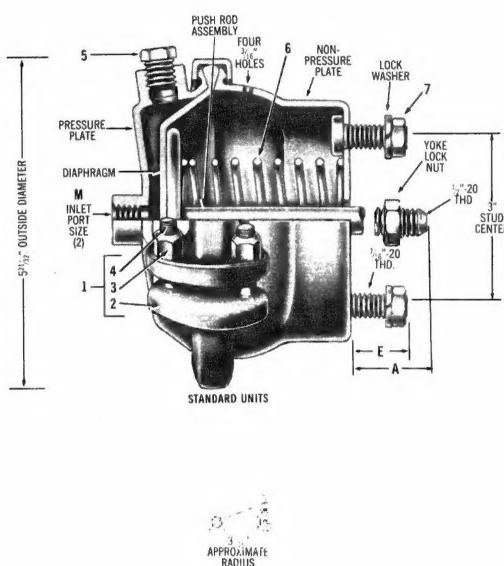
SEE CONVERSION LIST ON
BACK OF PAGE.



SERVICE CHAMBERS:
 (1) Have long threaded Push Rod that may be cut to length.
 (2) Do not include Yoke.

SPRING LOAD

SPRING	LOAD AT 0" STROKE (LBS.)	LOAD INCREASE PER INCH OF STROKE (LBS.)
PC. NO.		
234229	12.25	9
238876	22	9
240645	0	180



REFERENCE DETAILS

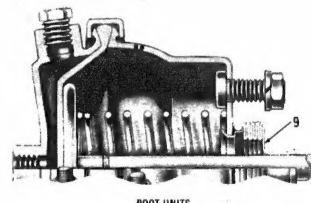
No.	Pc. No.	Quan.	Description
STANDARD UNITS			
1	227742	1	Clamp Ring Assy.
2	237885	1	Clamp Ring
3	237887	2	Nut
4	237886	2	Bolt
5	230111	1	Pipe Plug, 1/4"
6	234229	1	Spring
7	214526	2	Nut

WEATHERPROOF UNITS

Add:
 8 212264 1 Grommet

BOOT UNITS

9 239506 1 Boot



TYPE 12 SERVICE BRAKE CHAMBER PC. NO.	PUSH ROD ASSY. PC. NO.	YODE LOCK NUT PC. NO.	LOCK WASHER (2 REQ'D.) PC. NO.	NON- PRESSURE PLATE PC. NO.	DIAPHRAGM PC. NO.	A ROD END TO PLATE	E STUD END TO PLATE	M INLET PORT SIZE	INLET LOCATION	PRESSURE PLATE PC. NO.	FEATURES
STANDARD UNITS											
B 287960	225679	NONE	202984	225944	234226-R	2.19	1.00	3/8	C & S	287639	HVY. SPRING
288795	227963	201438	202984	283541	234226-R	10 1/2	1.50	3/8	C & S	287639	STD. UNIT
288796	227963	201438	202984	283541	236664-N	10 1/2	1.50	3/8	C & S	287639	NEOPRENE DIAPHRAGM
WEATHERPROOF UNITS											
228910	226964	NONE	202984	225951	236664-N	3 3/16	1.00	1/4	SIDE	225734	NEOPRENE DIAPHRAGM
288797	227963	201438	202984	228009	234226-R	10 1/2	1.25	3/8	C & S	287639	STD. W. P. UNIT
BOOT UNITS											
A 282029	282031	201438	202984	282032	234226-R	2 11/16	2 1/2	1/4	CENTER	225734	SEE FOOTNOTE A
C 283653	225882	201438	202984	283658	234226-R	2 7/16	1.00	1/4	C & S	225734	1 7/16 LIMITED STROKE

A-SUBSTITUTE SPRING, 240645 FOR ITEM
B-SUBSTITUTE SPRING, 238876 FOR ITEM

ADD SPRING GUIDE, 240644. STROKE IS 1 1/8"

N-NEOPRENE
R-RUBBER

BRAKE CHAMBERS NOT AVAILABLE
IN REMANUFACTURED EXCHANGE.

TYPE 12 BRAKE CHAMBER CONVERSION LIST

ORIG. EQUIP. PC. NO.	SERVICE REPLACEMENT	
	SERVICE CHAMBER PC. NO.	YODE ASSY. PC. NO.
STANDARD UNITS		
225923	288795	NONE
225930	288795	205948
226051	288795	205948
226204	288795	NONE
226205	288795	NONE
226843	288795	205948
226952	288795	205948
227637	288795	205948
228219	288795	205433
229653	288795	205948
229757	288795	202797
229758	288795	202797
275140	288795	205948
275141	288795	205948
275155	288795	NONE
275206	288795	NONE
275207	288795	NONE
276081	288795	205948
282640	288796	205948
283479	288796	NONE
283981	288795	205622
284104	288795	205948
284893	288796	NONE
285836	287960	NONE
286807	288796	NONE
287301	288795	205948
287943	288795	NONE
287944	288795	205948
287945	288795	205948
287946	288795	NONE
287947	288795	NONE
287948	288795	205948
287949	288795	NONE
287950	288795	205948
287951	288795	205948
287952	288795	NONE
287953	288795	NONE
287954	288795	NONE
287955	288796	205948
287956	288795	205622
287957	288795	200934
287958	287960	NONE
287959	288795	205433
287960	287960	NONE
288238	288796	NONE

ORIG. EQUIP. PC. NO.	SERVICE REPLACEMENT	
	SERVICE CHAMBER PC. NO.	YODE ASSY. PC. NO.
WEATHERPROOF TYPE UNITS		
225937	288797	205948
226021	288797	NONE
226798	288797	205948
226800	288797	205948
226920	288797	NONE
226957	288797	NONE
227201	288797	NONE
227225	288797	205948
227809	288797	205948
228291	288797	205948
228910	228910	NONE
277775	288797	220730
284076	288797	205948
285462	288797	205948
287312	288797	205948
287333	288797	NONE
287740	288797	205948
287979	288797	NONE
287995	288797	NONE
287996	288797	NONE
287997	288797	205948

ORIG. EQUIP. PC. NO.	SERVICE REPLACEMENT	
	SERVICE CHAMBER PC. NO.	YODE ASSY. PC. NO.
BOOT UNITS		
229247	288798	205948
229251	288798	205948
229255	288798	NONE
229260	288798	205948
229262	288798	205948
229267	288798	205948
229463	288798	205948
275483	288798	NONE
277351	288798	205948
282029	282029	NONE
283653	283653	205948
287971	288798	205948
287972	288798	NONE
287973	288798	NONE
287975	288798	205948